

#### **Safety Recommendation A-67-4**

The National Transportation Safety Board (NTSB) issued Safety Recommendation A-67-4 to the Federal Aviation Administration on January 18, 1967, as a result of the NTSB's investigation of the July 24, 1966 accident in Arden, North Carolina involving an Air and Space Model 18 Gyroplane, N6157S. The NTSB's investigation has disclosed a number of processing and quality control deficiencies. The text of Safety Recommendation A-67-4 is as follows:

To the Federal Aviation Administration: We recommend that the present rotor blades be removed from service as soon as possible and replaced with blades which have the leading edges attached mechanically.

Below is further information about the subject accident.

# NTSB Identification: MIA67A0014

14 CFR Part 91 General Aviation

Aircraft: AIR SPACE 18A, registration: N6157S

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES	F
LIGHT		PILOT DATA		F S M/N	P
URPOSE					
2-0657	66/7/24	ARDEN NC	AIR SPACE 18A	CR-	
1 0 0	MISCELLANEOUS		PRIVATE, AGE 49, 791		
	TIME - 1330		N6157S	PX-	
0 0 0	FERRY		TOTAL HOURS, 28 IN TYPE,		
			DAMAGE-DESTROYED	OT-	
0 0 0			NOT INSTRUMENT RATED.		
	NAME OF AIRPORT - ASHEVILLE MUNI				
	TYPE OF ACCIDENT			PHASE OF OPE	
RATION					
	PROPELLER/ROTOR FAILURE: MAIN ROTOR			IN FLIGHT	
: NORMAL CRUISE					
	COLLISION WITH GROUND/WATER: UNCONTROLLED			IN FLIGHT	
: UNCONTROLLED DESCENT					
	PROBABLE CAUSE(S)				
	ROTORCRAFT - ROTOR ASSEMBLIES: MAIN ROTOR BLADES				
	MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE				
	PERSONNEL - PRODUCTION-DESIGN-				
PERSONNEL: SUBSTANDARD QUALITY CONTROL					
	FACTOR(S)				
	MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT				
REMARKS-					
EXAMINATION DISCLOSED POOR GLUE BONDING IN ONE MAIN ROTOR BLADE.					